

BS01311
U.S. Patent Application No. 10/029,286
Response to February 23, 2007 Office Action

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A method for providing a business engine using platform independent business rules, comprising:

~~providing a platform dependent business engine;~~

~~storing an encoded platform-independent encoding a set of business rules in extensible style language translator ("XSLT") to obtain an XSLT business rule component comprising the platform independent business rules, the XSLT business rule component operative to perform logical manipulations based on the platform independent rules;~~

~~coupling an extensible markup language document type definition with the XSLT business rule component;~~

~~deploying the XSLT business rule component across multiple platform-dependent engines;~~

~~when the set of business rules changes, then only changing the XSLT business rule component and reloading a changed business rule component to the multiple platform-dependent engines;~~

~~enabling a feedback loop between an input and an output; and~~

~~communicating with a backend service via a backend bus~~

~~coupling the XSLT business rule component with the platform dependent business engine to create the business engine using the platform independent business rules.~~

2. (Original) The method of Claim 1, further comprising:

~~providing an updated XSLT business rule component comprising updated platform independent business rules; and~~

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loading the updated XSLT business rule component into the platform dependent business engine to obtain an updated business engine using the updated platform independent business rules.

3. (Original) The method of Claim 1, further comprising:

employing an extensible markup language ("XML") document type definition to facilitate coupling the XSLT business rule component with the platform dependent business engine.

4. (Canceled)

5. (Canceled)

6. (Currently Amended) A method for providing a common business service ("CBS") unit ~~used in conjunction with an application program, the CBS unit using platform independent business rules~~, comprising:

storing an encoded platform-independent ~~needing~~ a set of business rules in extensible style language translator ("XSLT") to obtain an XSLT business rule component comprising the platform independent business rules, the XSLT business rule component operative to perform logical manipulations based on the platform independent business rules;

providing a platform specific CBS unit;

coupling an extensible markup language document type definition with the XSLT business rule component;

deploying the XSLT business rule component across multiple platform-dependent common business services units;

when the set of business rules changes, then only changing the XSLT business rule component and reloading a changed business rule component to the multiple platform-dependent common business services units;

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enabling a feedback loop between an input and an output; and
communicating with a backend service via a backend bus
~~coupling the XSLT business rule component with the CBS unit to obtain the CBS unit using the platform independent business rules.~~

7. (Original) The method of Claim 6, further comprising:

providing an updated XSLT business rule component comprising updated platform independent business rules by updating the platform independent business rules using XSLT; and

coupling the CBS unit with the updated XSLT business rule component to obtain an updated CBS unit using the updated platform independent business rules.

8. (Original) The method of Claim 6, wherein an extensible markup language (“XML”) document type definition is used to couple the XSLT business rule component and the CBS unit.
9. (Currently Amended) A system to manipulate method for manipulating input data and to provide providing output data, the system operative to comprising:

store an encoded platform-independent a set of business rules in extensible style language translator (“XSLT”) to obtain an XSLT business rule component comprising the platform independent business rules, the XSLT business rule component operative to perform logical manipulations based on the platform independent business rules;

couple an extensible markup language document type definition with the XSLT business rule component;

deploy the XSLT business rule component across multiple platform-dependent engines;

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when the set of business rules changes, then only change the XSLT business rule component and reload a changed business rule component to the multiple platform-dependent engines;

enable a feedback loop between an input and an output; and
communicate with a backend service via a backend bus

~~encoding a set of business rules in extensible style language translator ("XSLT") to obtain a set of XSLT business rules;~~

~~coupling the set of XSLT business rules with a platform dependent business engine to obtain an XSLT business engine; and~~

~~using the XSLT business engine to:~~

~~receive the input data from a source;~~

~~perform a logical manipulation of the input data based on the XSLT business rules; and~~

~~provide the output data to the source.~~

10. (Currently Amended) The system method of Claim 9, further operative to comprising:
provide providing updated XSLT business rules by updating the set of XSLT business rules using XSLT; and
update updating the XSLT business engine by coupling the updated XSLT business rules with the platform dependent business engine.
11. (Currently Amended) The system method of Claim 9, further operative to make wherein a call to a remote database is made as a result of a the logical manipulation.
12. (Currently Amended) The system method of Claim 9, further operative to make wherein a call to another business engine is made as a result of a the logical manipulation.
13. (Currently Amended) The system method of Claim 9, further operative to validate wherein the logical manipulation comprises a validation of the input data.

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14. (Cancel)
15. (Cancel)
16. (Cancel)
17. (Cancel)
18. (Cancel)
19. (Cancel)
20. (Currently Amended) A computer-readable medium containing computer-executable instructions for comprising:

storing an encoded platform-independent a set of business rules in extensible style language translator (“XSLT”) to obtain an XSLT business rule component comprising the platform independent business rules, the XSLT business rule component operative to perform logical manipulations based on the platform independent business rules;
coupling an extensible markup language document type definition with the XSLT business rule component;
deploying the XSLT business rule component across multiple platform-dependent engines;
when the set of business rules changes, then only changing the XSLT business rule component and reloading a changed business rule component to the multiple platform-dependent engines;
enabling a feedback loop between an input and an output; and
communicating with a backend service via a backend bus

a set of business rules encoded in extensible style language translator (“XSLT”), wherein the encoded set of business rules can be adaptively coupled with a platform dependent business engine using a document type definition to provide a platform dependent business engine having behavior based on the set of business rules encoded in XSLT.